

No	Particulars	Nos.	L	B	D/H	Qty.	Unit	Rate	Amount
89	Supplying and fixing regular MCCB distribution Panel conform to IS 8828, on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing of suitable type capacity MCCB's as an incomer for 3 phase Double door with necessary bus bar completely wired to use on 440Volts 3phase 4 wire powder coated painting etc., complete with a provision for fixing of single/three phase suitable capacity MCCB/MCB's as outgoings conforming to IS8828.								
	12 Way (P No 44 ; I No 6.15					1	No	11854.00	11,854.00
90	Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (internal work exposed on wall)								
	PWD SR 2018-19Page 91: Item No.13.85.3								
	Basic Rate	196.00							
	Area Wtg8%	15.68							
	Net Rate	211.68							
	25mm pipe for water Supply		100.00			100.00	Rmt	211.68	21,168.00
91	KSRB 13-6.3-2 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of the Engineer in charge of the work . Specification NO.KBS 13.2.6/13.3								
	PWD SR 2018-19Page 91: Item No.13.34								
	Basic Rate	449.00							
	Area Wtg8%	35.92							
	Net Rate	484.92							
						2.00	Each	484.92	970.00
92	KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, 'making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing as per specifications and directions of the Engineer in charge of the work .(For 1000 litre capacity) Specification NO.KBS 13.22								
	PWD SR 2018-19Page 96 Item No.13.78								
	Basic Rate	6,828.00							
	Area Wtg 8%	546.24							
	Net Rate	7,374.24							
	For 1000 Ltrs tanks					2.00	Each	7,374.24	14,748.00
93	Providing & applying water proofing to roof slab, terraces, landscape area, podium etc., using modified polyurethane cures (conforming to ASTM C836-84) to give a tough elastomeric waterproof membrane on the surface. The surface shall be cleaned free from dust and other particle before usage..								
	PWD SR 2018-19Page 275 Item No. 38.2								
	Basic Rate	625.00							
	Area Wtg 8%	50.00							
	Net Rate	675.00							
	For terrace		1.00	8.10	16.50	133.65	Sqm		
	Triangle Portion		0.50	16.50	11.40	94.05	Sqm		
						227.70	Sqm	675.00	1,53,698.00
94	KSRB 10-2 : Providing and laying in position Yelahanka tiles of size 250 x 250mm of approved quality and make, over a bed of cement mortar 1:3 an average thickness 25mm over weather proof course and pointed with cement mortar 1:3 mix with red oxide including curing cost of materials, labour complete as per specifications.								
	PWD SR 2018-19Page 68 Item No. 10.1								
	Basic Rate	978.00							
	Area Wtg 8%	78.24							
	Net Rate	1,056.24							
	For terrace		1.00	8.10	16.50	133.65	Sqm		
	Triangle Portion		0.50	16.50	11.40	94.05	Sqm		
						227.70	Sqm	1,056.24	2,40,506.00
95	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tipper, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications. MORTH Specification No.301								
	PWD SR 2016-17 Page 143: Item No.19.14								

No	Particulars	Nos	L	B	D/H	Qty.	Unit	Rate	Amount
	BASIC RATE	46.00							
	AREA WT 8%	3.68							
	NET RATE	49.68							
	FOR DRAINS	1	36.50	1.10	1.00	40.15	Cum		
	Net Qty					40.15	Cum	49.68	1995.00
96	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications.								
	PWD SR 2016-17 Page 6: Item No.2.15								
	BASIC RATE	2,114.00							
	AREA WT 8%	169.12							
	NET RATE	2,283.12							
	FOR DRAINS	1	36.50	1.10	0.10	4.02	Cum	2283.12	9167.00
97	KSRRB M2900-1. Plain cement concrete M10 mix with crushed stone aggregate 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing including cost of materials, labour, HOM complete as per specifications.								
	MORTH Specification No. 408								
	KPWD SR 2016-17 Page 253: Item No.34.1								
	BASIC RATE	4,334.00							
	AREA WT 8%	346.72							
	NET RATE	4,680.72							
	FOR DRAINS	1	36.50	1.10	0.15	6.02	Cum	4680.72	28190.00
98	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specifications. Wall & bottom Raft thickness 15cm								
	KPWD SR 2016-17 Page 265 Item No. 37.59.2								
	BASIC RATE	6,938.00							
	AREA WT 8%	555.04							
	NET RATE	7,493.04							
	FOR DRAIN Raft	1	36.50	0.90	0.15	4.93	Cum		
	Drain walls	2	36.5	0.15	1.60	17.52	Cum		
						22.45	Cum	7493.04	168200.00
99	Providing and laying 100mm thick pre-cast cover slabs over drains of width not exceeding 800 mm using M20 concrete reinforced with steel @ 6.00 kg/Sqm, slabs jointed in CM 1:3 proportion and nicely finished including providing holes in the Cover slabs wherever necessary for easy drainage of surface water including of labour, materials, HOM, curing, lead and lift charges etc, Complete as per MORTH specifications No. 1500, 1700								
	KPWD SR 2018-19 Page 272: Item No. 37.66								
	BASIC RATE	1,081.00							
	AREA WT 8%	86.48							
	NET RATE	1,167.48							
	FOR DRAINS	1	36.50			36.50	Rm	1167.48	42613.00
100	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.								
	KPWD SR 2018-19 Page 27: Item No. 5.30								
	BASIC RATE	408.00							
	AREA WT 8%	32.64							
	NET RATE	440.64							
	FOR DRAIN Sides	81				81.00	NOS	440.64	35692.00
1	KSRRB M2200-6. Providing T.M.T. steel Fe 500 reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification.								
	MORTH Specification No.1600 & 2200								
	KPWD SR 2018-19 Page 229: Item No. 28.8.2								
	BASIC RATE	62,714.00							

Particulars	Nos.	L	B	D/H	Qty.	Unit	Rate	Amount
AREA WT 8%	5,017.12							
NET RATE	67,731.12							
FOR DRAINS 60kg / Cum	RCC Qty 22.45*60= 1347				1347.00	Kgs		
			Say		1.50	Mt	67731.12	101597.00
Providing and fixing M.S. Grill over existing compound wall as per using 16mm x 16mm M.S. Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x12mm M.S. flat for ornamental design and providing shop edge design at the vertex of every vertical rods, including welding, grinding wherever necessary. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification.								
KPWD SR 2018-19 Page 44 Item No.7.36								
BASIC RATE	5,369.00							
AREA WT 8%	429.52							
NET RATE	5,798.52							
Grill front side	1	30.5		2	61.00	Sqm	5798.52	353710.00
Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal members and at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specification.								
KPWD SR 2018-19 Page 44 Item No.7.37								
BASIC RATE	3,012.00							
AREA WT 8%	240.96							
NET RATE	3,252.96							
Gate	2	3.00		2	12.00	Sqm	3252.96	39036.00
KSRB 7.14 : Providing, fabricating, assembling and fixing in position aluminium partitions using sections in combination of plain, single grove and double grove as per requirements for the frames of overall size 101.6mm x 44.45mm, 3.18mm.thick having section weight, plain sections 2.40kg/m single grove section 2.541kg/m. and double grove section 2.683 kg/m and bottom bottom member 114.3 mm x 44.45 mm 3.18 mm thick and 2.6 46 kg/m; aluminium louvres of size 77.6mmx27.6mm 1.7mm. thick section weight 0.483kg/m; bottom portions provided with 12mm. thick pre laminated sheet both side of approved colour lamination exterior grade; aluminium sections of mat finish or glossy finish using section, spacing of vertical member shall not exceed 0.6 m. c to c; sections are cut to the required lengths, joints mitered and corners grinded subdividing frames tennoned and riveted to the frames, the assembled frame should be stiffened with corner angles stripped and fixed with screws, rawl plugs and teak wood gutties to R.C.C.columns or masonry on sides, R.C.C. lintels or beams at top and floor at bottom, including cutting chistling and making good with cement mortar to match the surface, providing and fixing bottom panel filled with the materials to a height of 0.9m. from floor level; and 5.5mm. thick plain glass for middle portion viz., 0.9m. to 2.13 m. and top panel with lower sections, the glass and panels fitted with glazing clips of 19mmx17.3mm. with thickness of 0.9mm. weight 0.124kg/m; aluminium sections pre-treated for removal of any rust and prevention of further rust formation, and coated with greasy materials for non-adherence of mortars or any other sticky materials; vertical members embedded in the flooring by making suitable size holes and fixing with cement mortar, with necessary opening for fixing of doors of standard size (excluding cost of door opening) All the frame should be throughly cleaned free from rust, scale or dirt including cost of materials, fixtures, labour and HOM complete as per specifications.								
KPWD SR 2018-19 Page 37 Item No.7.14.1								
BASIC RATE	4,714.00							
AREA WT 8%	377.12							
NET RATE	5,091.12							
Ground Floor	1	1.6		2.5	4.00	Sqm		
	1	1.75		2.5	4.38	Sqm		
	1	3.4		2.5	8.50	Sqm		
					16.88	Sqm	5091.12	85913.00
TOTAL								61,52,736.25
Project management And Consultancy Charges(1% of estimated cost)								70,000.00
GST Charges 12%								7,38,328.35
Miscellenious and rounding								38,935.40
								70,00,000.00

Administrative Approval

Accorded For R.S. 70-00/20

Head of A/C P-3589

CER NO : 287 Dt: 11/06/2020

A.E. (Project)

11C

Technical Sanction

Accorded For R.S. 70-00/20

Head of A/C P-3589

CER NO : 287 Dt: 11/06/2020

CE (YNK)

Assistant Engineer
BBMP Bangalore

Executive Engineer
BBMP Bangalore

Executive Engineer
BBMP Bangalore